

**THE CLAIMS**

1. A transportable, positionable, directionable insect control mister comprising:

a frame;

5 at least one wheel mounted on the frame and supporting the insect control system for movement over the underlying surface;

a handle supported on the frame for use in positioning the insect control system;

10 a tank mounted on the frame for receiving a quantity of a predetermined insect controlling chemical agent;

a housing supported on the frame;

15 at least one discharge arm supported on the housing;

a discharge nozzle mounted at the distal end of the discharge arm;

20 a pump supported on the frame for receiving the predetermined insect controlling chemical agent from the tank and for discharging pyrethrum through the discharge nozzle;

the discharge nozzle being selective positionable relative to the frame to direct the insect controlling

chemical agent discharged therefrom in a predetermined  
25 direction;

a control system mounted within the housing for  
regulating the discharge pressure and the time duration for  
discharge of the predetermined insect controlling chemical  
agent from the discharge nozzle under the operation of the  
30 pump; and

means for supplying operating power to the pump  
and to the control system.

2. The transportable, positionable, directional  
insect control system according to claim 1 wherein the  
35 predetermined insect controlling chemical agent comprises  
pyrethrum.

3. The transportable, positionable, directional  
insect control system according to claim 1 wherein the  
predetermined insect controlling chemical agent comprises  
40 CEDARCIDE®.

4. The transportable, positionable, directional  
insect control system according to claim 1 wherein the tank  
comprising an integral structure which is at least  
partially received within the housing.

5. The transportable, positionable, directional insect control system according to claim 1 wherein the tank comprises an integral component of the housing.

6. The transportable, positionable, directional  
5 insect control system according to claim 1 further  
characterized by a plurality of discharge arms each  
supported on the housing, a plurality of discharge nozzles  
each supported at the distal end of one of the discharge  
arms, and wherein each of the discharge nozzles is  
10 selectively positionable relative to the frame to direct  
the insect controlling chemical agent discharge therefrom  
in a predetermined direction.

7. A method of insect control comprising the steps  
of:

providing a frame;

providing at least one wheel;

5           securing the wheel to the frame and thereby  
supporting the frame for movement over the underlying  
surface;

providing the handle;

          securing the handle to the frame for use in  
10       positioning the frame relative to the underlying surface;

providing a tank;

supporting the tank on the frame;

providing a quantity of a predetermined insect  
controlling chemical agent;

15       receiving the quantity of the predetermined  
insect controlling chemical agent within the tank;

providing a housing;

supporting the housing on the frame;

providing a pump;

20       supporting the pump on the frame;

providing a control system;

mounting the control system within the housing;

providing the discharge nozzle;

supporting the discharge nozzle on the housing;

providing a conduit;

connecting the conduit between the pump and the  
discharge nozzle;

utilizing the pump to withdraw the predetermined  
5 insect controlling chemical agent from the tank and to  
direct the pyrethrum through the conduit for discharge from  
the discharge nozzle;

utilizing the control system to regulate the  
operation of the pump; and

10 providing means for directing operating power to  
the control system and to the pump.

8. The method according to claim 7 wherein the steps  
of supporting the discharge nozzle the housing is carried  
out by supporting the discharge nozzle on the housing for  
15 movement relative to the frame and thereby directing the  
discharge of the predetermined insect controlling chemical  
agent from the nozzle in a predetermined direction relative  
to the frame.

9. The method according to claim 7 wherein the step  
20 of providing a predetermined insect controlling chemical  
agent is carried by providing a quantity of pyrethrum.

10. The method according to claim 7 wherein the step of providing a predetermined insect controlling chemical agent is carried out by providing a quantity of CEDARCIDE®.

5 11. The method according to claim 7 wherein the step of supporting the tank on the frame is carried out by providing a tank which is separate from the housing and by partially enclosing the tank within the housing.

10 12. The method according to claim 7 wherein the step of supporting the tank on the frame is carried out by providing a tank which is an integral component of the housing.

15 13. The method according to claim 7 is further characterized by providing a plurality of discharge nozzles and by supporting each of the discharge nozzles on the housing for movement relative to the frame and thereby directing the insect controlling chemical agent discharge from each of the nozzles in a predetermined direction relative to the frame.

14. The method according to claim 7 further characterized by providing at least one discharge arm and by mounting the discharge nozzle on the discharge arm.